

| L Number | Hits | Search Text | DB | Time stamp |
|----------|--------|---|--------------------|------------------|
| - | 17 | ((("5476566") or ("5827112") or ("5883522") or ("6024631") or ("6054015") or ("6112735") or ("6112740") or ("6120360") or ("6146256") or ("6146259") or ("6146260") or ("6149500") or ("6149505") or ("6149506") or ("6149507") or ("6152808") or ("6162703"))).PN. | USPAT; US-PGPUB | 2002/11/14 13:11 |
| - | 2 | ((("5362681") or ("5981361"))).PN. | USPAT; US-PGPUB | 2002/11/13 17:10 |
| - | 2 | ((("5873162") or ("5626157"))).PN. | USPAT; US-PGPUB | 2002/11/13 17:11 |
| - | 2 | ((("5873162") or ("5262157"))).PN. | USPAT; US-PGPUB | 2002/11/13 17:11 |
| - | 113924 | wafer | USPAT; US-PGPUB | 2002/11/14 09:00 |
| - | 624620 | thin or thinning | USPAT; US-PGPUB | 2002/11/14 09:00 |
| - | 308970 | bump or ball | USPAT; US-PGPUB | 2002/11/14 09:00 |
| - | 117 | wafer with (thin or thinning) with (bump or ball) | USPAT; US-PGPUB | 2002/11/14 09:02 |
| - | 21799 | thinning | USPAT; US-PGPUB | 2002/11/14 09:02 |
| - | 13 | wafer with thinning with (bump or ball) | USPAT; US-PGPUB | 2002/11/14 10:00 |
| - | 462 | 438/459.ccls. | USPAT; US-PGPUB | 2002/11/14 10:02 |
| - | 463 | 438/977.ccls. | USPAT; US-PGPUB | 2002/11/14 10:02 |
| - | 9 | (438/459.ccls. or 438/977.ccls.) and (wafer same thinning same (bump or ball)) | USPAT; US-PGPUB | 2002/11/14 10:15 |
| - | 439 | 438/460.ccls. | USPAT; US-PGPUB | 2002/11/14 10:15 |
| - | 276 | 438/464.ccls. | USPAT; US-PGPUB | 2002/11/14 10:15 |
| - | 425587 | vacuum | USPAT; US-PGPUB | 2002/11/14 10:15 |
| - | 5 | (438/460.ccls. or 438/464.ccls.) and (wafer same (bump or ball) same vacuum) | USPAT; US-PGPUB | 2002/11/14 10:18 |
| - | 16597 | dice or dicing or diced | USPAT; US-PGPUB | 2002/11/14 10:18 |
| - | 25 | (dice or dicing or diced) same wafer same (bump or ball) same vacuum | USPAT; US-PGPUB | 2002/11/14 12:07 |
| - | 0 | 6338980.URPN. | USPAT | 2002/11/14 11:20 |
| - | 0 | 6338980.URPN. | USPAT | 2002/11/14 11:20 |
| - | 9 | ("5888883" "5897337" "6060373" "6080602" "6130111" "6136137" "6153448" "6177295" "6221751").PN. | USPAT | 2002/11/14 11:20 |
| - | 6 | 6060373.URPN. | USPAT | 2002/11/14 11:59 |
| - | 499 | 156/153.ccls. | USPAT; US-PGPUB | 2002/11/14 12:07 |
| - | 382 | 156/154.ccls. | USPAT; US-PGPUB | 2002/11/14 12:07 |
| - | 1242 | 156/247.ccls. | USPAT; US-PGPUB | 2002/11/14 12:07 |
| - | 1186 | 156/344.ccls. | USPAT; US-PGPUB | 2002/11/14 12:07 |
| - | 1412 | 156/285.ccls. | USPAT; US-PGPUB | 2002/11/14 12:08 |
| - | 4346 | 156/153.ccls. or 156/154.ccls. or 156/247.ccls. or 156/344.ccls. or 156/285.ccls. | USPAT; US-PGPUB | 2002/11/14 12:08 |
| - | 3 | (156/153.ccls. or 156/154.ccls. or 156/247.ccls. or 156/344.ccls. or 156/285.ccls.) and (wafer same (bump or ball) same ((dice or dicing or diced) or (thin or thinning))) | USPAT; US-PGPUB | 2002/11/14 12:10 |
| - | 9 | 156/285.ccls. and (dice or dicing or diced) | USPAT; US-PGPUB | 2002/11/14 12:12 |
| - | 5 | ((("6245593") or ("5435876") or ("5981361") or ("6425971") or ("5641714"))).PN. | USPAT; US-PGPUB | 2002/11/14 12:13 |

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|---|---|-------------------------|--------------------|------------------|
| - | 1 | "ELEP Holder NBD-2170K" | USPAT; US-PGPUB | 2002/11/14 13:11 |
| - | 4 | "ELEP Holder" | USPAT; US-PGPUB | 2002/11/14 13:11 |